

Title (en)  
CONTEXTUAL DRIVER MONITORING SYSTEM

Title (de)  
KONTEXTTREIBERÜBERWACHUNGSSYSTEM

Title (fr)  
SYSTÈME DE SURVEILLANCE CONTEXTUELLE DE CONDUCTEUR

Publication  
**EP 3837137 A4 20220713 (EN)**

Application  
**EP 19827535 A 20190626**

Priority  
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• US 201962834471 P 20190416  
• US 2019039356 W 20190626

Abstract (en)  
[origin: WO2020006154A2] Systems and methods are disclosed for contextual driver monitoring. In one implementation, one or more first inputs are received and processed to determine a state of a driver present within a vehicle. One or more second inputs are receiving and processed to determine navigation condition(s) associated with the vehicle, the navigation condition(s) including a temporal road condition received from a cloud resource or a behavior of the driver. Based on the navigation condition(s), a driver attentiveness threshold is computed. One or more actions are initiated in correlation with the state of the driver and the driver attentiveness threshold.

IPC 8 full level  
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CPC (source: EP US)  
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• [A] SRINATH REDDY B ET AL: "Estimation of driver attention using Visually Evoked Potentials", INTELLIGENT VEHICLES SYMPOSIUM, 2007 IEEE, IEEE, PI, 1 June 2007 (2007-06-01), pages 588 - 593, XP031127009, ISBN: 978-1-4244-1067-5  
• See references of WO 2020006154A2

Designated contracting state (EPC)  
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